AMERICAN SPORTWORKS®

Book 2 of 2

MODEL 5210 / AGES 13+ / 24 MPH MAX SPEED

5210 208cc FUN KART OWNER'S MANUAL / PARTS GUIDE

15362R1

THIS VEHICLE IS FOR OFF-ROAD USE ONLY THIS VEHICLE IS NOT DESIGNED FOR USE ON RENTAL TRACKS OR RACING

BEFORE OPERATING THIS VEHICLE, THE OWNER AND EACH OPERATOR MUST UNDERSTAND THIS VEHICLE WAS NOT DESIGNED OR MANUFACTURED TO MEET SPECIFICATIONS FOR USE ON PUBLIC ROADS, STREETS, HIGHWAYS AND THOROUGHFARES. THE OWNER AND EACH OPERATOR MUST READ AND UNDERSTAND ALL THE INSTRUCTIONS FOR PROPER ASSEMBLY AND SAFE OPERATION, AS WELL AS THE INSTRUCTIONS CONCERNING THE ENGINE AND ALL OTHER PORTIONS OF THE VEHICLE. CHILDREN MUST BE 13+ YEARS OF AGE FOR THIS VEHICLE AND SUPERVISED BY AN ADULT AT ALL TIMES WHEN USING THIS FUN KART. SPEED REDUCTION KITS ARE AVAILABLE FOR ALL VEHICLES. THIS VEHICLE IS NOT A TOY.

limited warranty

American SportWorks (hereinafter referred to as "ASW") hereby warrants to the original purchaser that the frame components of new ASW fun karts will be free from defects in material and workmanship. The period of warranty is thirty (30) days from date of purchase for the component parts (except as noted below), ninety (90) days from the date of purchase for the frame, and one (1) year from date of purchase on select engines. Some engines may carry a separate manufacturer's warranty and are not covered by this ASW warranty. ASW, if notified of a defect in material or workmanship during the period of warranty, will repair or replace, at its option, defective parts at no charge, other than the reasonable cost for the transportation of the component(s). ASW will also agree to pay reasonable charges for labor, if necessary, to perform a warranty repair. Proof of Purchase must be provided to an approved ASW service center before any warranty work is performed.

The original purchaser must operate the vehicle and maintain the vehicle in accordance with the instructions provided in the Operator's Manual, the supplements hereto, and labels affixed to the vehicle. Additionally, within (10) days of the discovery of an alleged defect, the original purchaser must contact ASW's Customer Service Department at 1-800-643-7332, 4404 Engle Ridge Drive, Fort Wayne, IN 46804 or via the internet at www.amsportworks.com. The repair or replacement of any part or parts under this Limited Warranty shall not extend the term of the warranty beyond the original term as set forth above.

General Exclusions: This limited warranty does not cover component failure or damage caused by any of the following: abnormal strain or stress, neglect; abuse; improper assembly of components which were supplied in the factory sealed carton after the vehicle left ASW; improper maintenance, improper use of the vehicle, including, but not limited to racing, jumping, stunt driving, or any other uses prohibited by the Operator's Manual. Additionally, this warranty does not cover component failure or damage to vehicles which are leased or rented, or vehicles which are used at a concession track.

Specific Exclusions: This limited warranty does not apply to components, which are subject to normal wear and tear. These items include, but are not limited to, the tires, brakes, throttle, shift and brake cables, drive belt, the torque converter system, chain, seat, lights, fasteners, decals, or cosmetic body panels and natural discoloration of material due to ultraviolet light. Downtime, pick-up and delivery charges are not covered by this warranty. This warranty does not apply to select engines covered by a separate manufacturer's warranty.

ASW MAKES NO OTHER WARRANTY OF ANY KIND, EXPRESSED OR IMPLIED. ALL WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE WHICH EXCEED THE OBLIGATIONS AND TIME LIMITATIONS SPECIFIED IN THE WARRANTY ABOVE ARE HEREBY DISCLAIMED BY ASW AND EXCLUDED FROM THIS WARRANTY. ADDITIONALLY, THIS WARRANTY EXCLUDES ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOSS OF USE. SOME STATES DO NOT ALLOW A MANUFACTURER TO EXCLUDE OR LIMIT INCIDENTAL OR CONSEQUENTIAL DAMAGES AND, THEREFORE, THE ABOVE EXCLUSION MAY NOT APPLY TO YOU.

SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY WILL LAST. IT IS POSSIBLE THAT THE ABOVE LIMITATION MAY NOT APPL Y TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS, WHICH VARY, FROM STATE TO STATE.

VEHICLE IDENTIFICATION NUMBER

Record the Vehicle Identification Number (VIN) and Model number of your American SportWorks Fun Kart below for service and insurance records. The VIN can be found on the crossbar, behind the seat. The Model number is located on the SKU decal near the floorboard.

VIN _____

MODEL _____

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FORWARD

Congratulations on the purchase of your American SportWorks / ASW Fun Kart. Please take a few moments to get well acquainted with your vehicle by reading the Operator Safety Manual as well as this Owners Manual / Parts Guide. Before operating this vehicle, the owner, and each operator, must understand that this vehicle was not designed or manufactured to meet specifications for use on public roads, streets, highways and thoroughfares. The owner, operator(s) and passenger(s) must read and understand all the instructions for proper assembly and safe operation, as well as the instructions concerning the engine and all other portions of the vehicle as described and illustrated in this manual, the Operator Safety Manual and on the included Kart Safety DVD. Children must be 13 years of age or older and supervised by an adult at all times when using the vehicle. This vehicle is not a toy.

Be sure to follow the recommended maintenance schedule and service your machine accordingly. Preventative maintenance is extremely important to the safe operation and longevity of your vehicle.

Inexperienced and first time drivers are urged to seek instruction from a dealer or qualified instructor before and during the initial use of this vehicle. It is also recommended to practice in a large open area to become familiar with the operation of the machine. This vehicle is designed for drivers and riders 13 years and older.

For more information on American Sportworks and its products visit our website at www.amsportworks.com.

New Vehicle Limited Warranty

For a detailed description of warranty coverage for your vehicle, refer to the Warranty section of the Owners Manual / Parts Guide as supplied with the vehicle, or go to www.amsportworks.com.

Emissions Warranty

For a detailed description of the emissions warranty for your vehicle, refer to the Emissions Warranty section of the LCT Engine Operation Manual as supplied with the vehicle.

Cell Phone Use

The use of Mobile Communications Equipment has become increasingly important and prevalent in both personal and business affairs. Drivers must not compromise their own, or others safety when using such equipment. ASW recommends against the use of any handheld device while driving this vehicle.

We hope you will have a fun, safe experience with our products and thank you again for choosing an American SportWorks Fun Machine.

Your vehicle has been supplied with:

- ***OPERATOR SAFETY MANUAL (Book 1)***
- ***OWNERS MANUAL / PARTS GUIDE (Book 2)***
- ***KART SAFETY DVD***
- ***ENGINE MANUAL***

If any of these items are missing or were not supplied with your vehicle, please contact American SportWorks at 800-643-7332 or visit our website at www.amsportworks.com.

safety section

SOME WORDS ABOUT SAFETY

Please thoroughly read and understand the Safety Section outlined in the Operator Safety Manual supplied with this Fun Kart along with the Kart Safety DVD. If, for some reason, you did not receive these items please contact American Sportworks or visit our website at www.amsportworks.com.

WARNINGS AND CAUTIONS

⚠ This is the safety alert symbol. When you see this symbol on your machine or in this manual, be alert to the potential for personal injury.

Read and follow all instructions in the Operator Safety Manual, this manual and any accompanying manuals before attempting to operate this vehicle. Make sure to view the Kart Safety DVD.

⚠ *WARNING*

Indicates a potential hazard that could result in severe personal injury or death

⚠ *CAUTION*

Indicates a potential hazard which may result in personal injury or damage to the machine.

NOTE: Use of the word "NOTE" will alert you to key information or instructions.

KART OPERATION

A. Operation controls

⚠ WARNING

Do not attempt to start or operate the engine until completely familiar with the location and use of each control necessary to operate this vehicle. The operator must know how to stop this machine before starting and driving it.

B. Throttle

The right foot pedal is the throttle and controls the speed of the kart. As the engine speed increases above idle, the driver pulley automatically engages the drive belt and moves the vehicle forward. To disengage the driver pulley at any time, allow the throttle to return to the idle position.

⚠ WARNING

Every time, prior to starting the engine, check the throttle assembly to ensure that when the pedal is pushed all the way forward the assembly is working smoothly and returns to idle when released. Do not operate this unit if pedal or engine throttle linkage fail to return to the idle position. If unable to correct the problem through lubrication, adjustment or replacement of worn parts, contact your dealer for assistance.

C. Brake

The brake is controlled by the left foot pedal (See Figure below). Applying pressure to the pedal draws the brake pads against the brake disc at the rear axle and slows or stops the kart. The locking lever can be applied to act as a park brake and should remain applied during starting and engine warming (choke cycle). See I. Park Brake for more instruction.

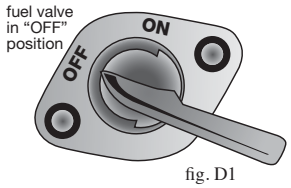


fig. D1

D. Fuel Valve *(see fig. D1)*

The manual valve is mounted to the bottom of the fuel tank. Refer to the LCT Engines Operation Manual. ***NOTE: Turn fuel valve to OFF position during transport***

E. Engine Starting *(see fig. E1)*

For parental control and added security, this unit is equipped with a keyed ignition switch. To start the unit, first apply the foot brake and ensure the Engine Stop Switch is in the RUN position. The RUN position may be identified on the switch by the word "RUN", the word "ON", or the symbol "I". (***NOTE:*** *Your Fun-Kart is equipped with (2) engine stop switches, one located on the dash and one located on the engine. BOTH switches must be in the "RUN" position for the engine to start*). Apply choke by pulling out and holding the choke cable located under the driver's seat (See Figure). Turn ignition key fully clockwise and hold to start the engine. ***(Caution: Do not let the engine turn over for more than 5 seconds at a time as this may cause starter damage)***. Once the engine starts, allow the key to return to the run position. The engine will warm up within 5 minutes, allowing the engine to operate at the normal RPM. On a warm day, this period of time may be reduced to less than 1 minute. The choke may be closed at this time by releasing the choke cable and allowing it to draw back in. Before driving this vehicle, test that the ignition switch will turn off the engine. With the engine running, turn the ignition key counter-clockwise to the "OFF" position to shut down the engine. A back-up pull rope starter mechanism is provided on the engine. Follow the same starting instructions except turn the key clockwise only to the "RUN" position and have a supervisor start the engine by pulling the recoil starter.

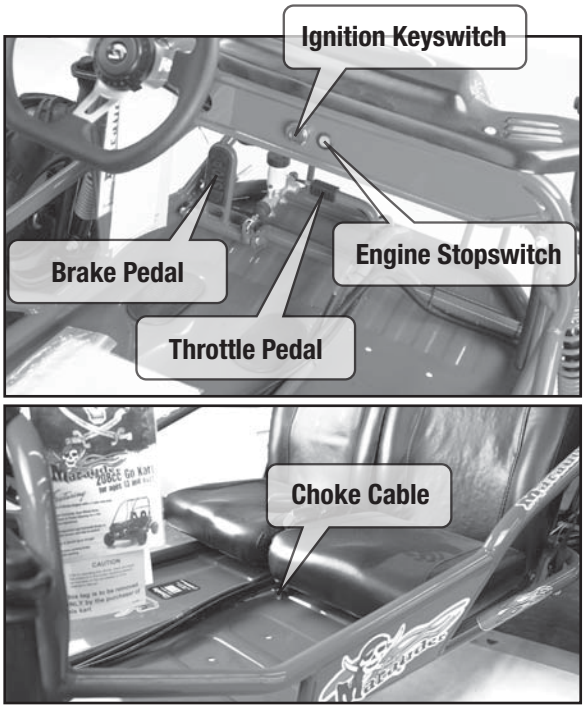


fig. E1

F. Engine Stop Switch *(see fig. F1)*

Before driving this vehicle, test each Engine Stop Switch to ensure that it is operating properly. With the engine running, switch the Engine Stop Switch to the STOP position to shut down the engine. The STOP position may be identified on the switch by the word "STOP", the word "OFF", or the symbol "O". Repeat the process for the other Engine Stop Switch. With the engine running, turn the ignition key to the "OFF" position to shut down the engine.

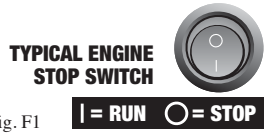


fig. F1

G. Seat Adjustment

The unit is equipped with an adjustable driver's seat. To adjust, lift the lever just in front of the seat bottom and move the seat either forward or backward. Release the lever at the desired seat location, ensuring that it snaps back into place to lock the seat in position.

⚠ WARNING

Never operate this vehicle when the seat is not securely locked into position. Serious injury or death could occur due to loss of control. Always make seat adjustments with the vehicle fully stopped and the engine shut off.

H. Occupant Restraints

This kart is equipped with 3 point retracting seat belts. Insert the metal tongue into the buckle until it is securely attached. Final adjustments should be made with the plastic tension stop such that the belt is against the shoulder and chest with no excess slack.

⚠ WARNING

Operating this kart without your seat belt could cause you to be thrown from the kart, causing serious injury or death.

I. Rear Spoiler

The spoiler is NOT to be used as a cargo rack. Do not place items on, or tie items to the spoiler.

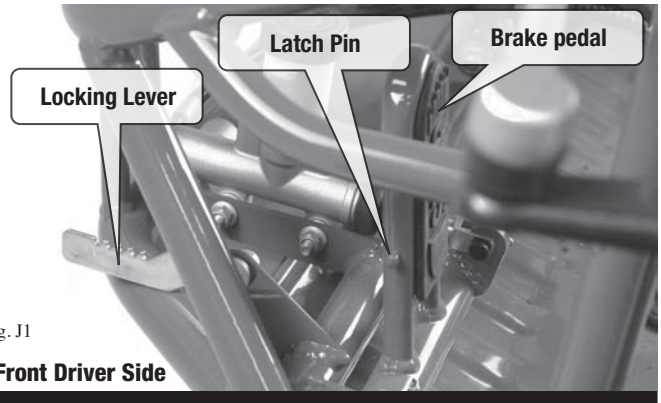
⚠ WARNING

Attempting to use the spoiler as a cargo rack may cause serious injury or death. Do not place items on, or tie items to the spoiler.

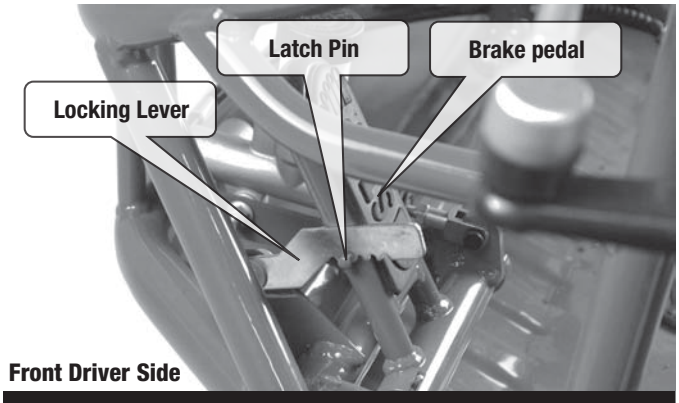
J. Park Brake *(see fig. J1)*

The park brake should be applied during starting, engine warming (choke cycle), and anytime the vehicle is parked and/or left unattended. The park brake is set by applying pressure to the brake pedal and latching the locking lever over the latch pin.

To apply the park brake



Parking brake not engaged



Parking brake engaged

fig. J1

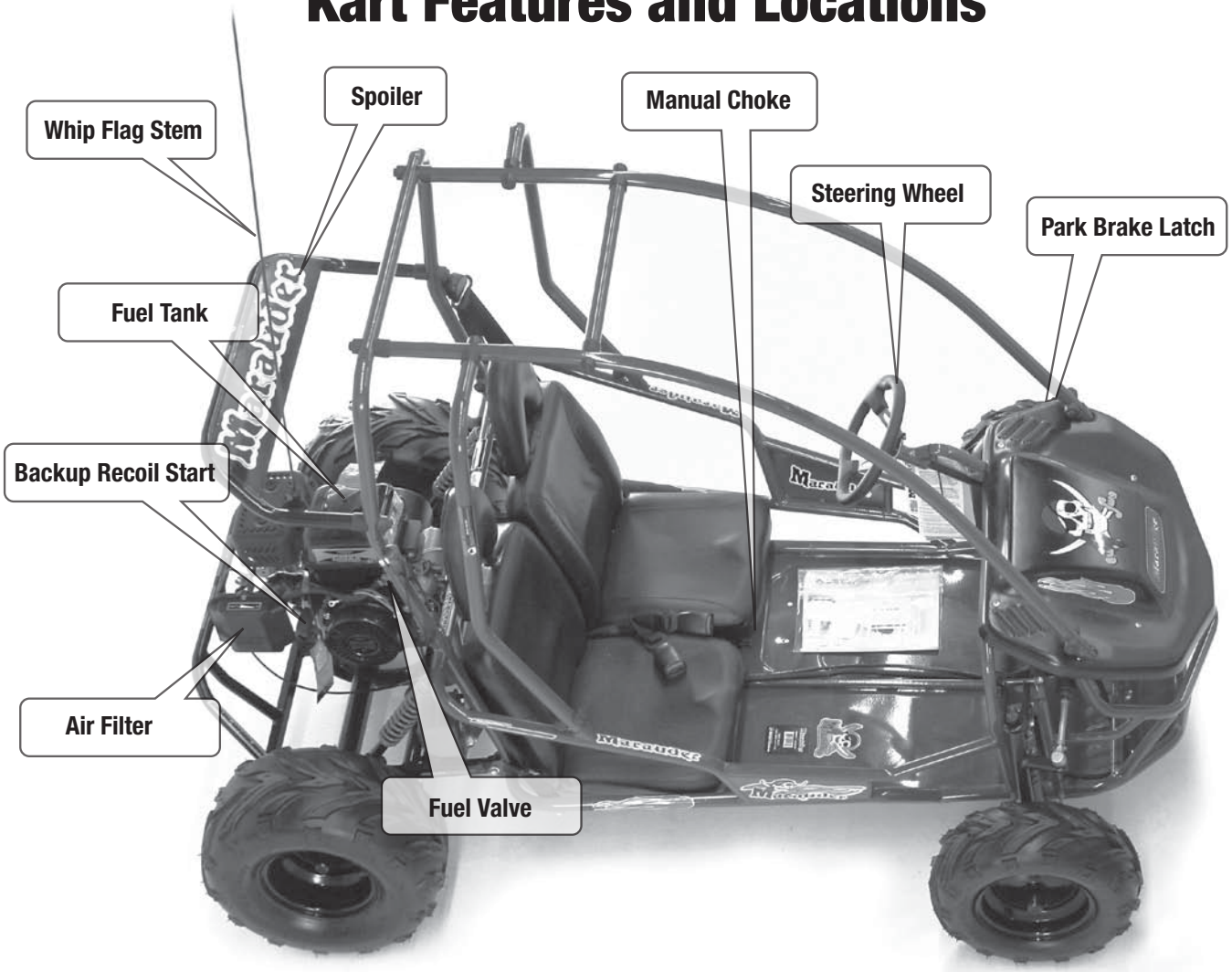
⚠ CAUTION

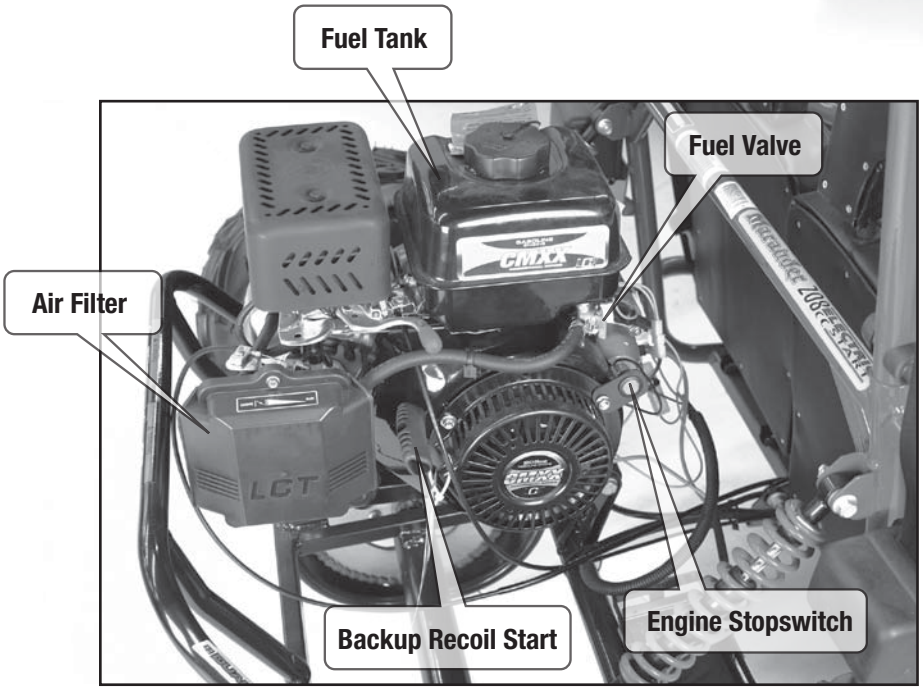
NEVER use E-15 or E-85 fuel or blends with Ethanol content in excess of 10%. Ethanol blends in excess of 10% will cause damage to the engine and void manufacturer warranty

a. Use regular unleaded 87 octane gasoline with up to a 10% ethanol blend.

b. This engine supplied with this Fun-Kart is NOT designed for Flex Fuel operation.

Kart Features and Locations





REPLACEMENT PARTS AND SERVICE

Most replacement parts are typically available from your dealer. Because of immediate availability and convenience, it is recommended that replacement parts be ordered from an authorized dealer. Take this manual and all supplements to the dealer when ordering parts in person.

If replacement parts are not available from a dealer, they may be ordered directly from American Sportworks by contacting ASW at 1-800-643-7332 or online at www.amsportworks.com. Orders may be subject to a minimum fee. A listing of authorized service center locations in your area is also available from our Customer Service department.

Record the Vehicle Identification Number (VIN) in the spaces provided at the front of this manual. The VIN can be found on the crossbar, behind the seat.

SERVICE & GENERAL MAINTENANCE

A. Engine Service

NOTE: For engine service, maintenance, and general information, please refer to the LCT Engines Operation Manual.

B. Cleaning Instructions

Keep your kart clean by using a clean rag and a mild detergent and water solution. Wipe off all dirt and oil from around the controls. Wipe off any spilled fuel and oil. Keep the engine clean and clear of foreign objects, especially those around the air intake fan and air inlet ductwork.

C. Chain Lubrication and Adjustment *(see fig. C1)*

For optimum chain life, lubrication with a spray on chain lubricant should be performed on a regular basis. **DO NOT USE OTHER OILS**.

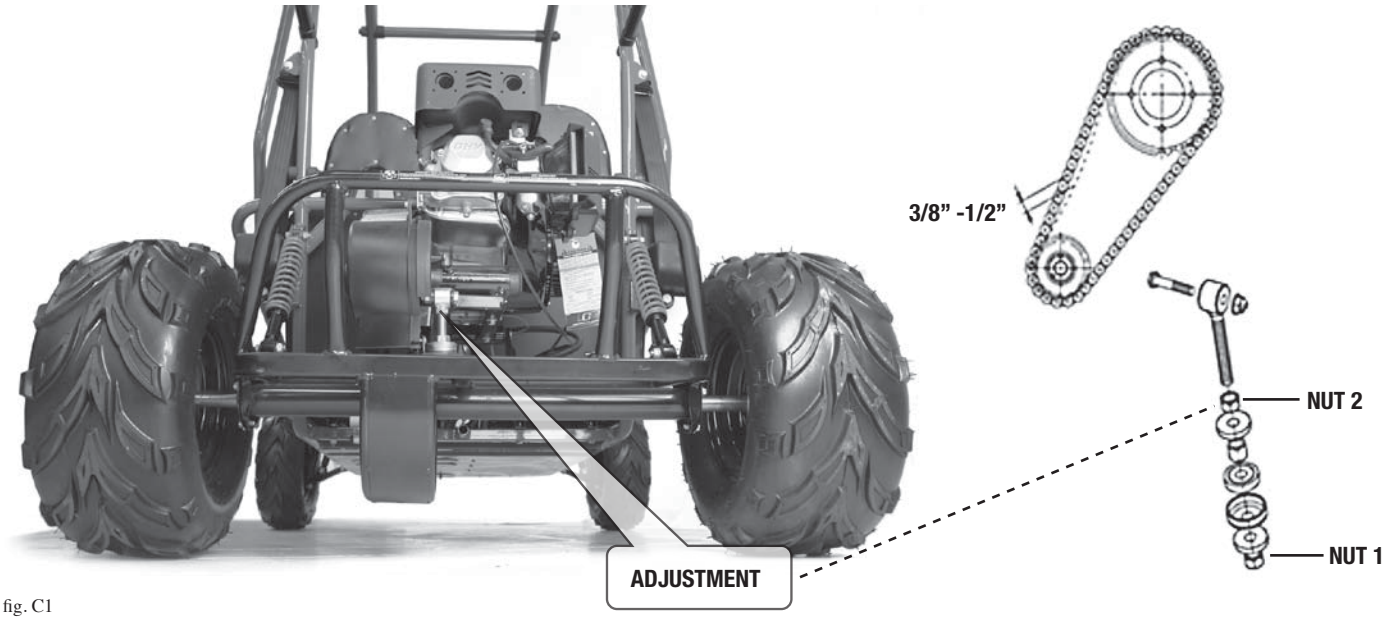


fig. C1

A new chain will stretch within the first few hours of use and therefore will require adjustment. The first chain adjustment should be made after the first 2 hours of use. If the chain has more than ½" of slack or "flex" then it will require adjustment.

To adjust:

1) Loosen Nut (1).
2) Adjust nut (2) until the proper chain tension is achieved.
3) Re-tighten Nut (1).

D. Belt Replacement

Ensure the kart is on a smooth flat surface and the engine is OFF. Apply parking brake. Remove the three mounting bolts for the belt cover. Remove mounting screw located behind the belt cover at the bottom. Using a ½" socket or box wrench, remove the driver (front) pulley mounting bolt and pull the pulley off the crank shaft. To prevent the engine crank shaft from turning with the pulley mounting bolt, use a strap wrench around the pulley outer stationary sheave. If the existing belt is still intact, remove it. If not, look for anything that may have caused the belt to fail prematurely. Inspect pulley and perform clutch lubrication and cleaning (Section E). Install new belt with the tapered edge away from the engine (Arrow pictured on belt will point TOWARD THE ENGINE). Place belt around the driven (rear) pulley and stretch over the crank shaft and onto the bronze bushing. Replace the driver pulley and mounting bolt. Tighten bolt to 30 ft*lb

E. Driver Pulley Lubrication and Cleaning *(see fig. E1)*

The driver pulley may perform poorly if not lubricated properly within each 25 hour period. Premature failure of its components may also occur. Before reaching 25 hours of operation, remove the driver pulley from the engine output shaft paying close attention to how all the components nest with each other inside the driver pulley. Disassemble the components of the driver pulley. Using brake or carburetor cleaner and a soft brush, clean all the components of the assembly. Ensure there are no rough surfaces. Apply a dry graphite lube to the entire outer surface of the hub and the inner surfaces of the outer stationary sheave. Allow the lube to dry completely. Reassemble the driver pulley and install onto the engine output shaft.

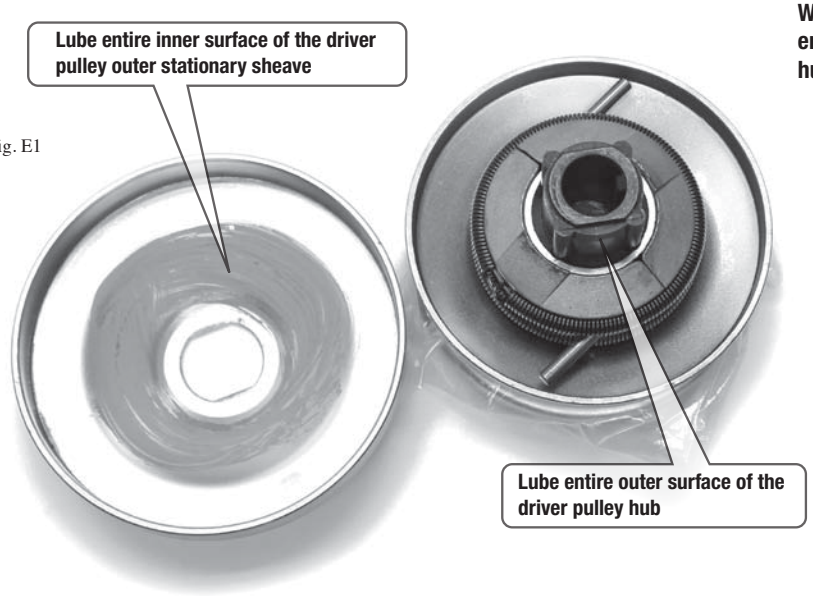

Lube entire inner surface of the driver pulley outer stationary sheave
Lube entire outer surface of the driver pulley hub

fig. E1

When installing the driver pulley, make certain to align and engage the flats of the outer stationary sheave and the pulley hub. The two parts nested for installation are shown here.

F. Storage Instructions

If you plan to store (and not operate) your kart for a period in excess of 30 days, or at the end of each driving season, the unit should be set up for storage as follows:

1) Drain fuel tank and carburetor by allowing the engine to run until the fuel system is dry.
2) Lubricate the engine cylinder by removing the air cleaner and by spraying an engine fogging oil through the carburetor.
3) Do NOT save or store gasoline over the winter. Using old gasoline, which will deteriorate from storage, will make the engine difficult to start and affect the performance of the engine.
4) To protect the paint, plastics and upholstery, it is a good idea to keep the unit covered when not in use.

G. Front Wheel Replacement *(see fig. G1)*

Remove cotter pin and castle nut. Wheel should be easily removed. After replacing the wheels, tighten castle nut and replace cotter pin with a new one. Replace rubber cover

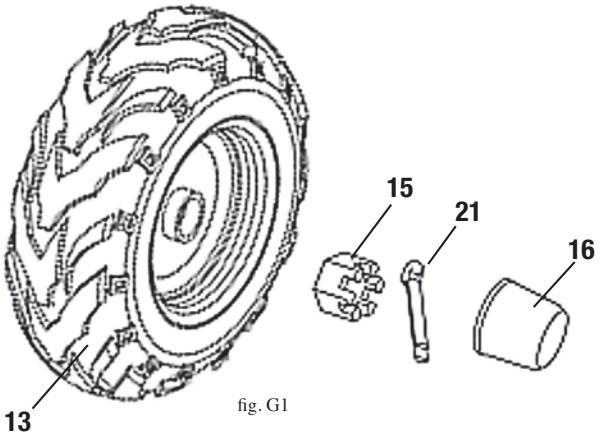


fig. G1

H. Rear Wheel Replacement *(see fig. H1)*

Remove cotter pin and castle nut. Wheel should be easily removed. After replacing the wheel tighten castle nut and replace cotter pin with a new one. Replace rubber cover

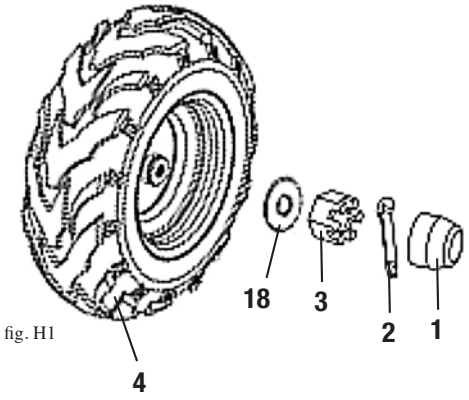


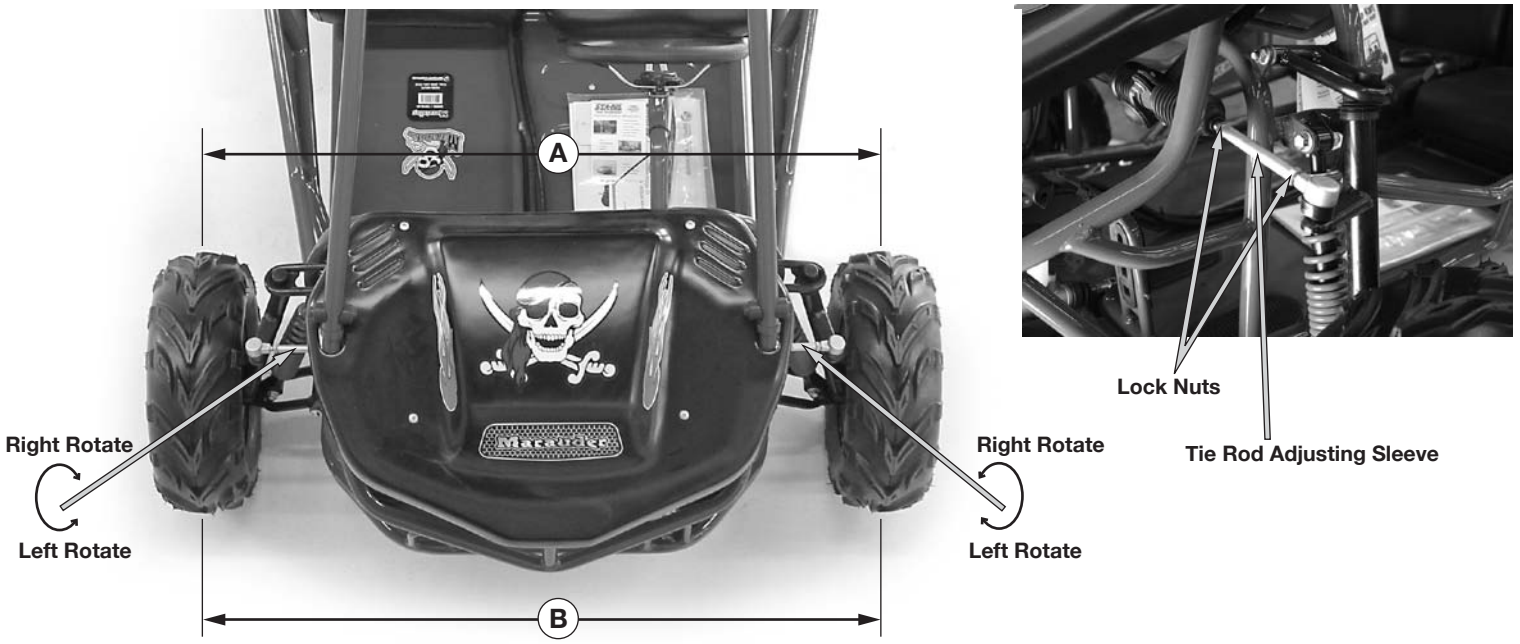
fig. H1

I. Front Wheel Alignment *(see fig. I1)*

The front wheels should be set with a “toe-in” from 1/4” to 1/2”. At the centerline of the tires, measure the Distance A and the Distance B. For proper toe adjustment, Dimension A should be 1/4” – 1/2” greater than Dimension B. While adjusting, ensure rubber boots are in good condition.

To make adjustments:

1) Loosen the lock nuts on both sides of Front Tie Rods.
2) Ensure the steering wheel is centered, and adjust Dimension B by equally rotating the tie rod adjusting sleeve in or out with a 12mm wrench.
3) After adjusting to the desired length, tighten the lock nuts against the Tie Rods.
4) Recheck the dimensions for proper alignment.



Toe Adjustment Diagram fig. I1

J. Storage Instruction

If you plan to store (and not operate) your kart for a period in excess of 30 days, or at the end of each driving season, the unit should be set up for storage as follows:

a. Drain fuel tank and carburetor by allowing the engine to run completely out of fuel.
b. Lubricate the engine cylinder by using an engine fogging oil, following the instructions provided with the product.
c. Do NOT save or store gasoline over the winter. Using old gasoline, which will deteriorate from storage, will make the engine difficult to start and affect the performance of the engine.
d. Remove the battery from the unit and apply a periodic trickle charge to maintain the battery at a proper voltage level for the next riding season.
e. To protect the paint, plastics and upholstery, it is a good idea to keep the unit covered when not in use.

⚠ CAUTION

Prevailing torque type locknuts must be replaced with new after the old locknuts are removed.

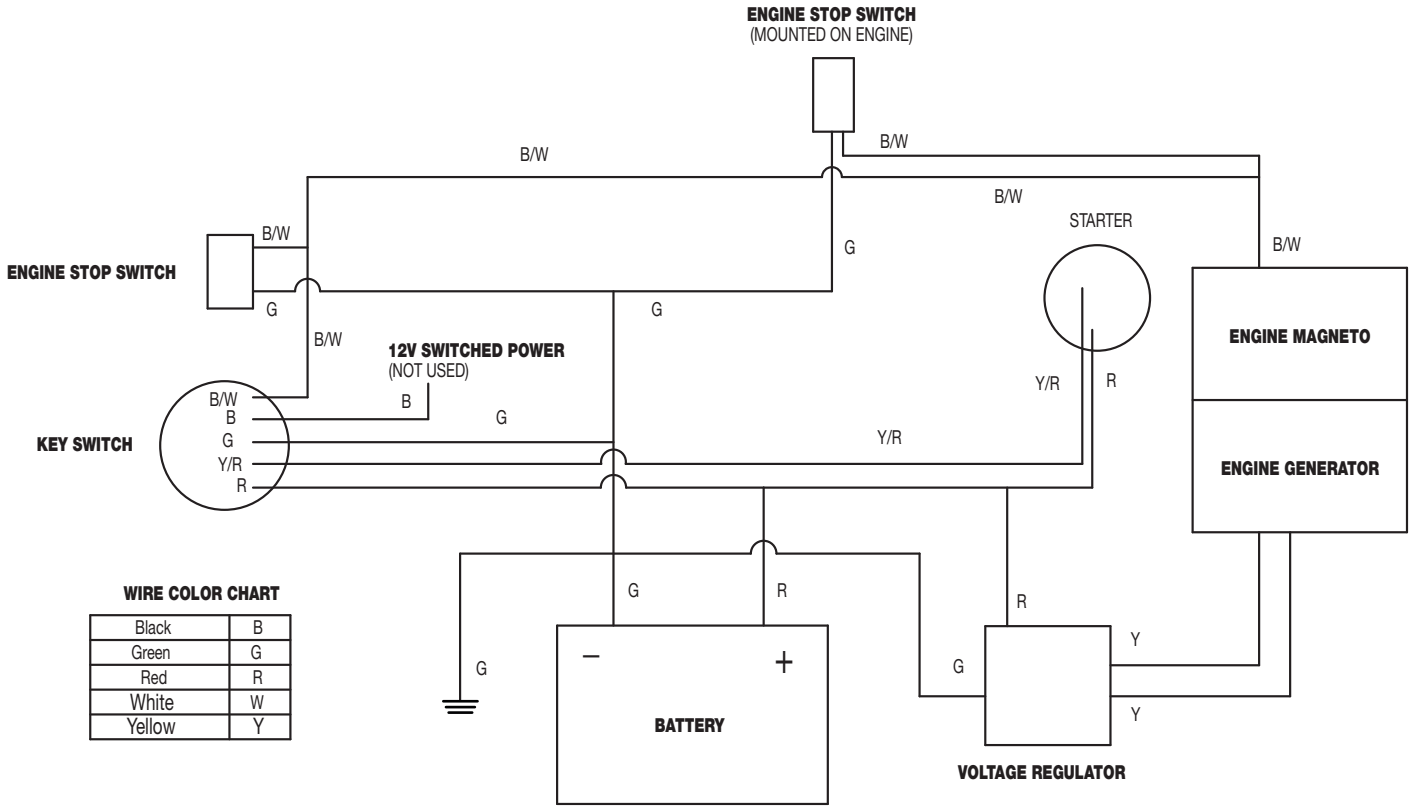
AMERICAN SPORTWORKS®

5210 SPECIFICATIONS

ENGINE	
Type	Single Cylinder, 208cc, Air Cooled, 4 cycle
Power (BHP @ RPM)	≈ 6.45 @ 3573
Torque (Ft-lbs @ RPM)	≈ 9.48 @ 3073
Starting System	Electric Start with Recoil Backup plus Manual Choke
Air Filtration	Dual Element
Exhaust System	Muffler with Heat Shield
Fuel Capacity	.67 gal
Oil Capacity	16 oz.
Spark Plug	F6RTC
TRANSMISSION	
Type: Dual Wheel Drive	CVT
CHAIN SIZE	#420 1/2" Pitch
TIRES & WHEELS	
Front / Rear	16 x 6 - 8 / 18 x 9.5 - 8
ADVANCED GEOMETRY SUSPENSION	
Front	Double A-Arm with Damped Shocks
Rear	Swing Arm with Damped Shocks
STEERING	
Type:	Rack and Pinion

FRAME	
Type - Heavy Gauge - Jig Welded	1.125" Main Frame
Rear Axle	7/8" Hardened Alloy Steel
Finish	Baked Powder Coat
BRAKES	
Type: Rear	Single Hydraulic Disc
PERFORMANCE	
Max Speed Approx.	Up to 24 mph
Fuel Consumption	30 - 50 mpg
SPECIAL FEATURES	
Seat	Adjustable Driver, Fixed Passenger Buckets
Restraint System	3-Point Shoulder / Lap Belts w/Retractor
Engine Stop Switch/Dual	On Engine, In Dash and Key Switch
Custom Bars	1.125" Full Brush Bars
Safety	Whip flag/Pedal Latch Style Parking Brake
DIMENSIONS	
Curb Weight	335 lbs.
Weight (Driver, Passenger & Gear)	400 lbs.
Seat To Pedals	39" - 41"
Wheelbase	54.7"
Vehicle - Overall	82"L x 48"W x 52.7"H

5210 ELECTRICAL SCHEMATIC



5210 SECTION 1 FRAME GROUP WARNING LABELS

⚠ WARNING

ALWAYS WEAR SEATBELT

Seatbelt must be properly fastened and adjusted for each occupant prior to operating the vehicle; See Owner's Manual.

11330-I

⚠ WARNING

ENTANGLEMENT HAZARD

Shoulder length and longer hair or loose clothing can get caught in moving parts behind or below the seat. **Restrain hair at or above shoulder level.** Restrained hair must not interfere with the proper fit of the helmet. **Securely restrain anything loose** that reaches behind or below the seat.

11330-B

⚠ WARNING

OBSERVE THE FOLLOWING INSTRUCTIONS

Failure to understand and follow Warnings and Instructions for the safe use and maintenance of this product may result in **Death or Injury!** This information is contained in the Warning Labels, Owner's Manual & Supplements, Safety Video, and Engine Manual supplied with this product. Make sure that you understand and follow all Warnings and Instructions in this material.

- Read owner/operator manuals carefully.
- Adult supervision required.
- Always wear a D.O.T.-approved motorcycle helmet, eye protection, and protective clothing.
- Do NOT operate the vehicle without the brush bars securely in place.
- Keep all covers and shields properly installed.
- Throttle, Stop Switch, and Brake Controls must work properly and freely before starting the engine.
- Operator must be seated, safety belt must be fastened, and brake applied before operating the vehicle.
- Not legal for street use. Use only on flat, level, off-road terrain.
- Not designed for racing or commercial use.
- Never operate at speeds too fast for your skills or the conditions.
- Never attempt jumps or other stunts.
- Never ride after consuming alcohol, drugs, or other intoxicants.

If you did not receive any of the material listed above, please call **1-800-643-7332** and request to have them sent to you at no charge.

11330-J

⚠ WARNING

EXHAUST GAS HARMFUL

Engine exhaust from this product contains chemicals, known in certain quantities to cause cancer, birth defects, or other reproductive harm.

11330-N

⚠ WARNING

HOT SURFACES

Surfaces around the engine and exhaust can be extremely hot. Allow surfaces to cool before servicing.

11330-A

⚠ WARNING

This vehicle is not to be operated by anyone under **13 years** of age. A speed reduction kit is available for this vehicle.

11330-T

⚠ WARNING

CHECK TIRE PRESSURES

Improper inflation of tires can cause **loss of control**, resulting in **serious injury or death**. Refer to Owner's Manual for proper operating pressure.

11330-D

⚠ WARNING

NO RIDING

All occupants must be inside the vehicle and wearing the proper restraints and safety gear. Absolutely **no riding on the outside of the vehicle** or on the cargo rack.

11330-K

⚠ WARNING

WEAR A HELMET

Always wear a D.O.T.-approved motorcycle helmet when operating this vehicle.

11329

⚠ WARNING

GUARD MUST BE IN PLACE

This guard must be in place during engine operation. Keep hands, feet, and loose garments away from engine, chain, and drive components.

⚠ CAUTION

DO NOT PUT FOOT ON DRIVE COVER

11330-C

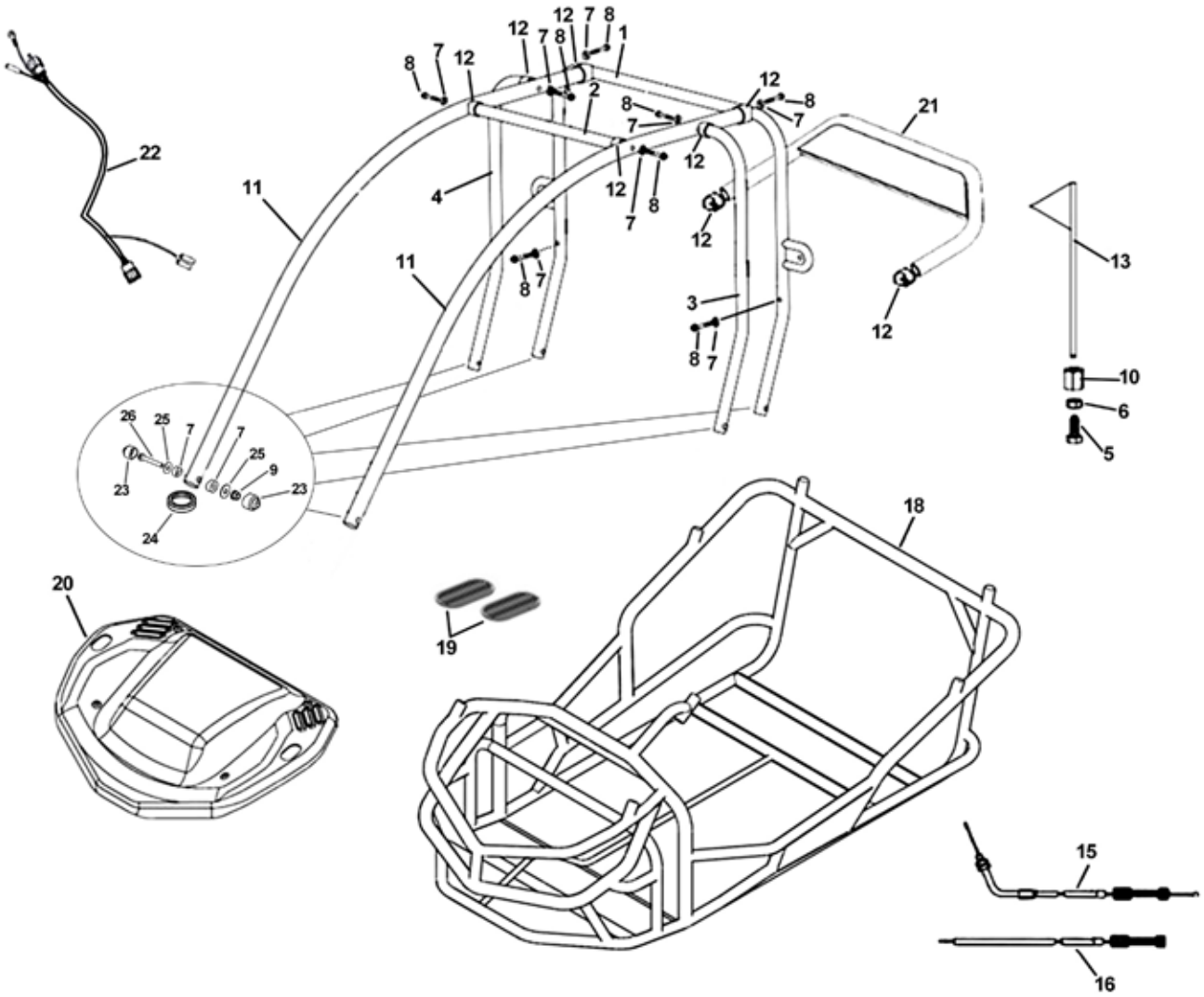
⚠ WARNING

PINCH HAZARD

Exercise caution when working on drive components. Drive chain turns when vehicle is in motion. **Chock wheels before removing drive cover.** Never remove drive cover or attempt to service with engine running.

11330-R

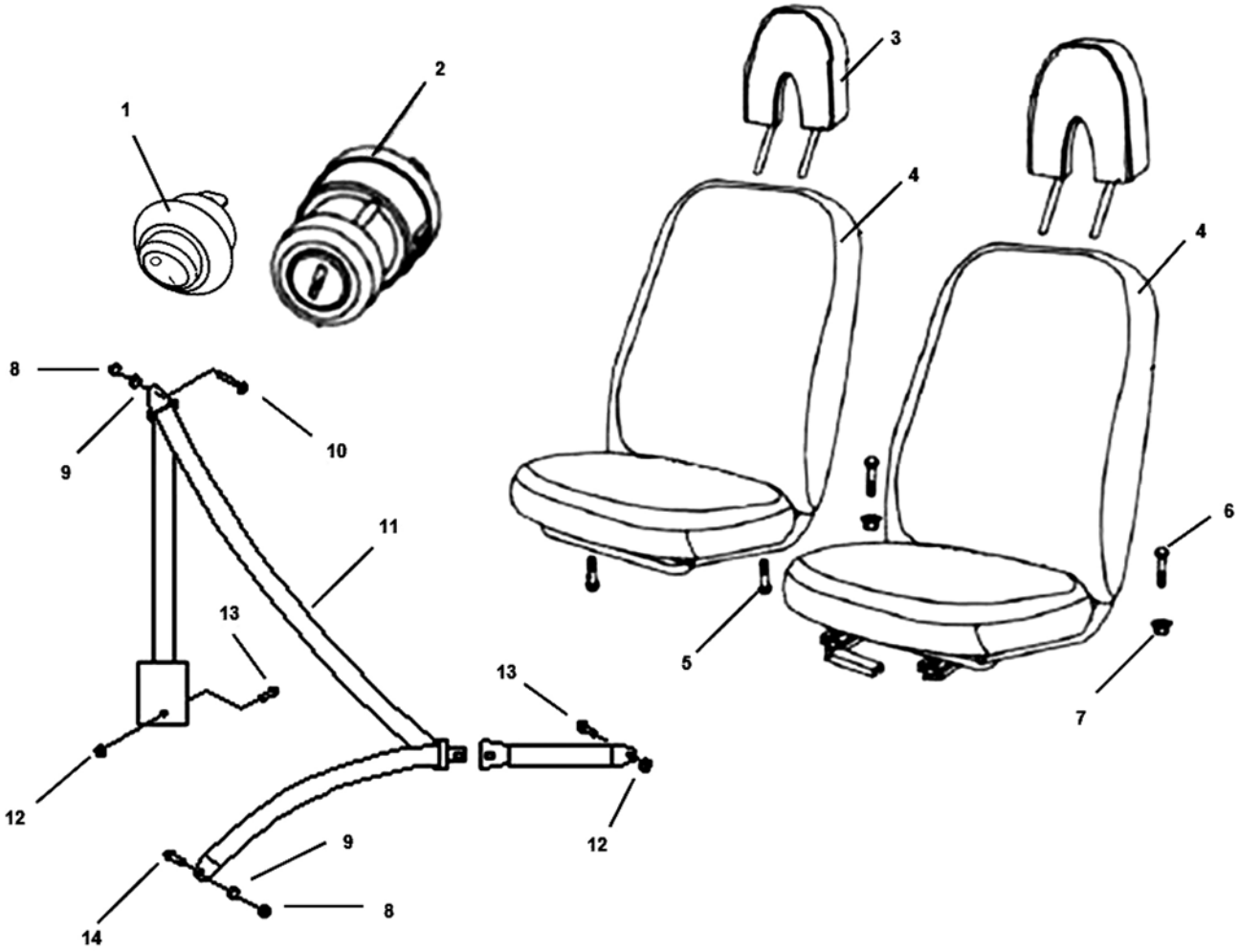
5210 SECTION 2 FRAME GROUP



Ref #	Part #	Description	Qty
1	15470	BAR, REAR C PILLAR - 5210	1
2	15471	BAR, OH CROSS - 5210	1
3	15472	BAR, LH B PILLAR - 5210	1
4	15473	BAR, RH B PILLAR - 5210	1
5	14465	BOLT, M12 X 1.75 X 30 FLAG MOUNT	1
6	14492	NUT, M12 X 1.25 HEX ZN	1
7	14087	WASHER, CONCAVE CLAMP DAC	20
8	14696	BOLT, M8 X 1.25 X 50 FHCS DAC	8
9	14088	NUT, M8 X 1.25 LOCKING FLANGE ZN	6
10	14466	NUT,1.75 THREAD DECORATIVE PLSTC FLG MNT	1
11	15474	BAR, OH FRONT - 5210	2
12	15475	ENDCAP, BAR - 1.125" BLACK PLASTIC	8
13	14464	FLAG, SAFETY	1
14		(This item is intentionally left blank.)	

Ref #	Part #	Description	Qty
15	15476	CABLE, THROTTLE	1
16	15477	CABLE, CHOKE	1
17		(This item is intentionally left blank.)	
18	N/A	FRAME, 5210 (Not Available)	1
19	14612	PAD, RUBBER FOOT	2
20	15478	HOOD, 5210	1
20a	15565	SCREW, M6 X 1.0 X 16 BUTTON HEAD SOCKET SS	4
20b	15567	WASHER, M6 FENDER	4
21	15479	SPOILER, 5210	1
22	15480	HARNESS, MAIN WIRING - 5210	1
23	15113	COVER, BOLT CAP	20
24	15546	SEAL, BAR CONNECTION - 1.125"	6
25	15114	WASHER, BAR CONNECTION M8 X 24 X 1.25	20
26	14086	BOLT, M8 X 1.25 X 55 FHCS DAC	6

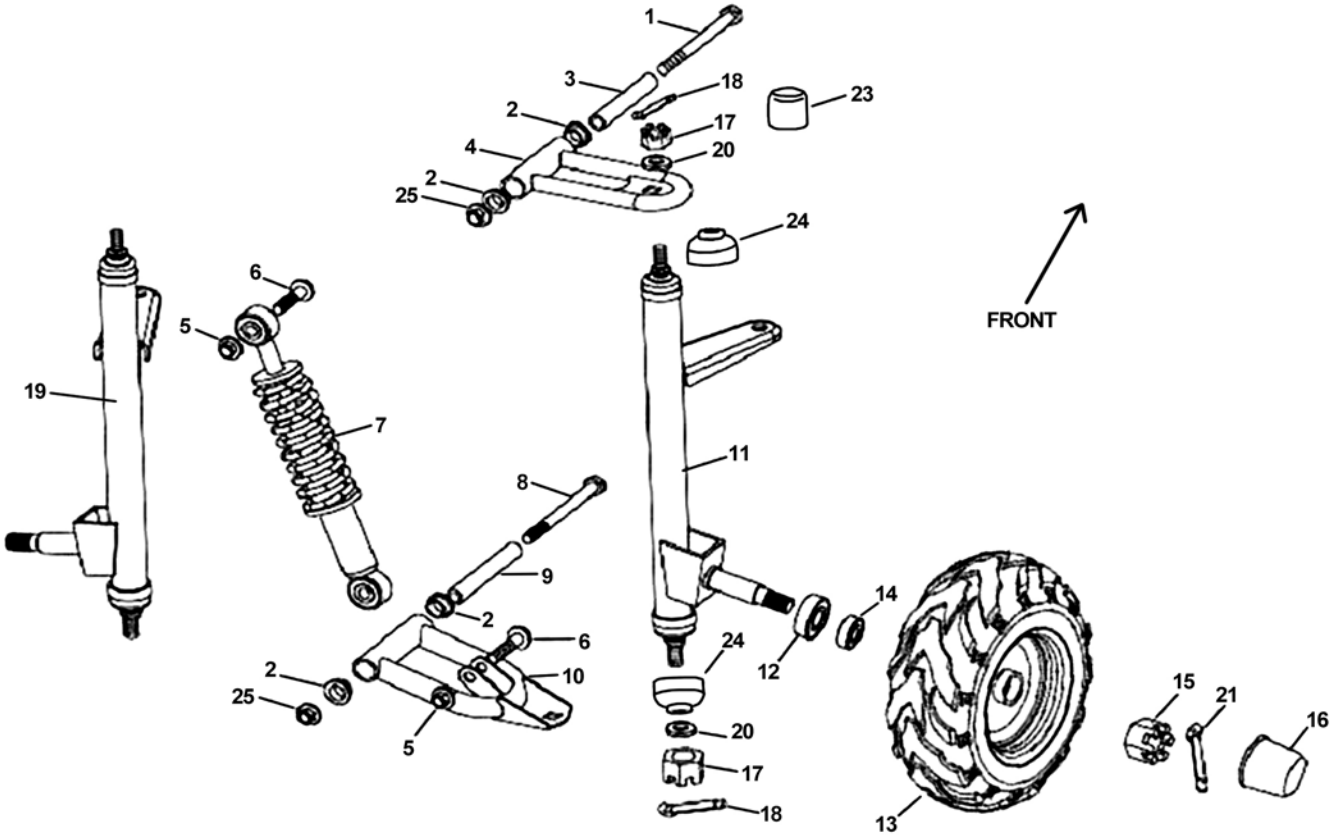
5210 SECTION 3 INTERIOR



Ref #	Part #	Description	Qty
1	15271	SWITCH, ENGINE STOP ROCKER	1
2	15482	IGNITION SWITCH W/KEY - 5210	1
2a	14588	KEY SET (not shown)	1
3	15371	HEADREST - 5210 BLACK	2
4	15369	ASM, SEAT W/SLIDES - DRIVER 5210	1
4	15370	ASM, SEAT W/ NO SLIDES - PASS 5210	1
5	14440	BOLT, M8 X 1.25 X 40 HHCS DAC	2
6	15483	BOLT, M8 X 1.25 X 40 “T” STYLE DAC	2
7	14088	NUT, M8 X 1.25 LOCKING FLANGE DAC	2
8	14243	NUT, M10 X 1.25 LOCKING FLANGE DAC	4
9	14289	SPACER, M10 STEPPED SEAT BELT DAC	4
10	14451	BOLT, M10 X 1.25 X 25 FHCS DAC	2
11	8778	SEATBELT, RETRACTABLE W/ SLEEVE	2
12	14324	NUT, M12 X 1.25 LOCKING FLANGE DAC	3

Ref #	Part #	Description	Qty
13	15485	BOLT, M12 X 1.25 X 25 FHCS DAC	3
14	14451	BOLT, M10 X 1.25 X 25 FHCS DAC	2

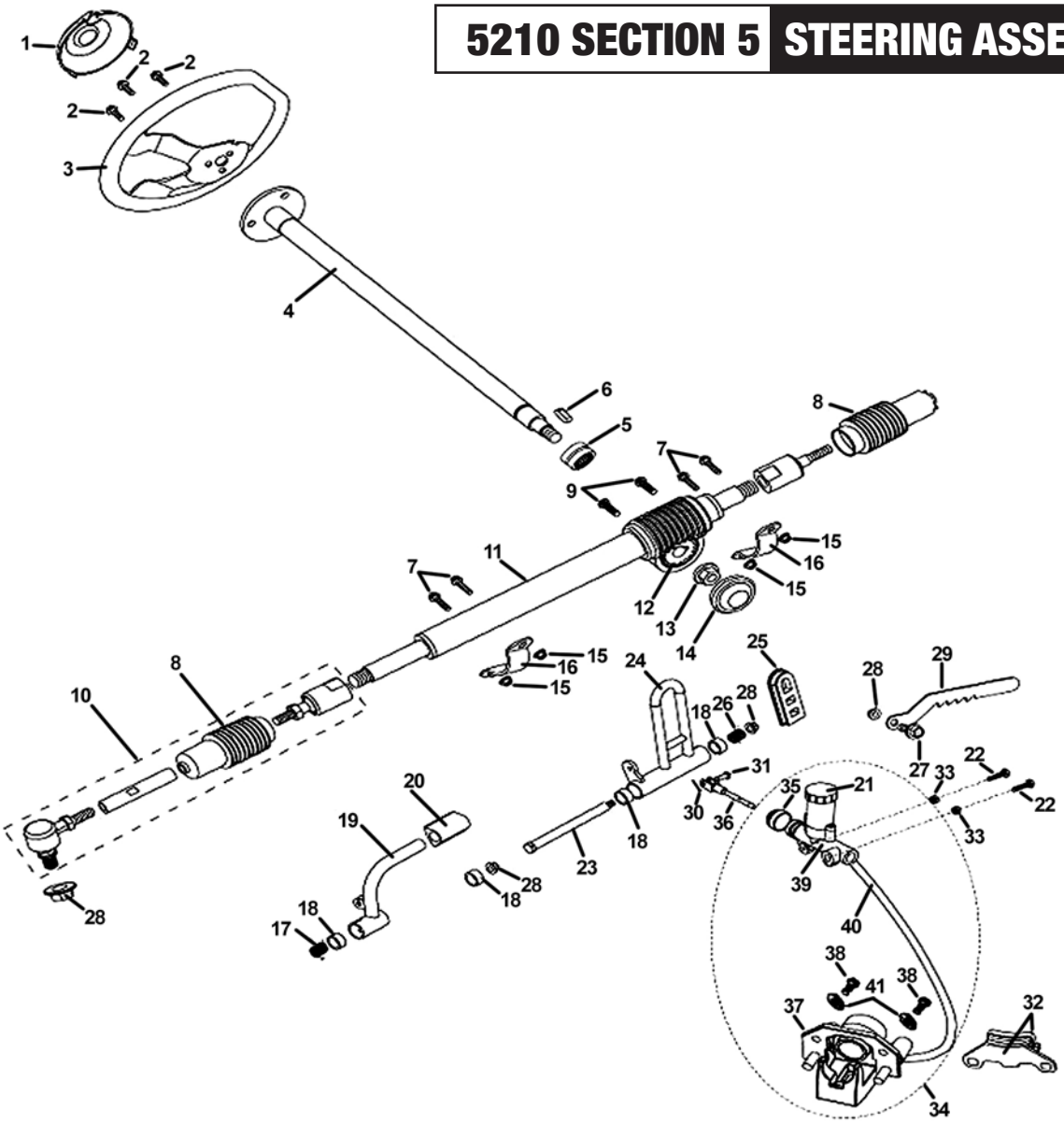
5210 SECTION 4 FRONT SUSPENSION



Ref #	Part #	Description	Qty
1	14615	BOLT, M8 X 1.25 X 95 FLANGE	2
2	14126	BUSHING, FLANGED SLEEVE 12 X 16 X 12	8
3	14617	UPPER SUSPENSION ARM COLLAR, 75MM	2
4	14618-2	UPPER SUSPENSION ARM - BLACK	2
5	14243	NUT, M10 X 1.25 LOCKING FLANGE ZN	4
6	14246	BOLT, M10 X 1.25 X 40 FHCS ZN	4
7	14619	SHOCK, FRONT - RED	2
8	14620	BOLT, M8 X 1.25 X 105	2
9	14621	LOWER SUSPENSION ARM COLLAR, 85MM	2
10	14622-2	LOWER SUSPENSION ARM ASSY - BLACK	2
11	14623-2	SPINDLE AND STRUT SUPPORT, R - BLK	1
12	14624	BEARING 6003Z	2
13	15367	ASM, TIRE/WH RH 16X6-8	1
13	15368	ASM, TIRE/WH LH 16X6-8 (not shown)	1

Ref #	Part #	Description	Qty
13a	15486	TIRE, 16 X 6 - 8 FAR EAST “V” TREAD (not shown)	2
14	14626	BEARING 6201	2
15	14244	NUT, M12 X 1.25 CASTLE ZN	2
16	14627	HUB COVER, FRONT 36MM ID	2
17	14242	NUT, M10 X 1.25 CASTLE	4
18	15542	PIN, M2.5 X 25 COTTER	4
19	14629-2	SPINDLE AND STRUT SUPPORT, L - BLK	1
20	14241	WASHER, M10 SPLIT LOCK ZN	4
21	15542	PIN, M2.5 X 25 COTTER	2
22		(This item is intentionally left blank.)	
23	14923	CAP, NUT COVER RUB - BLK	2
24	14857	SEAL, BALL JOINT	4
25	14088	NUT, M8 X 1.25 LOCKING FLANGE ZN	4

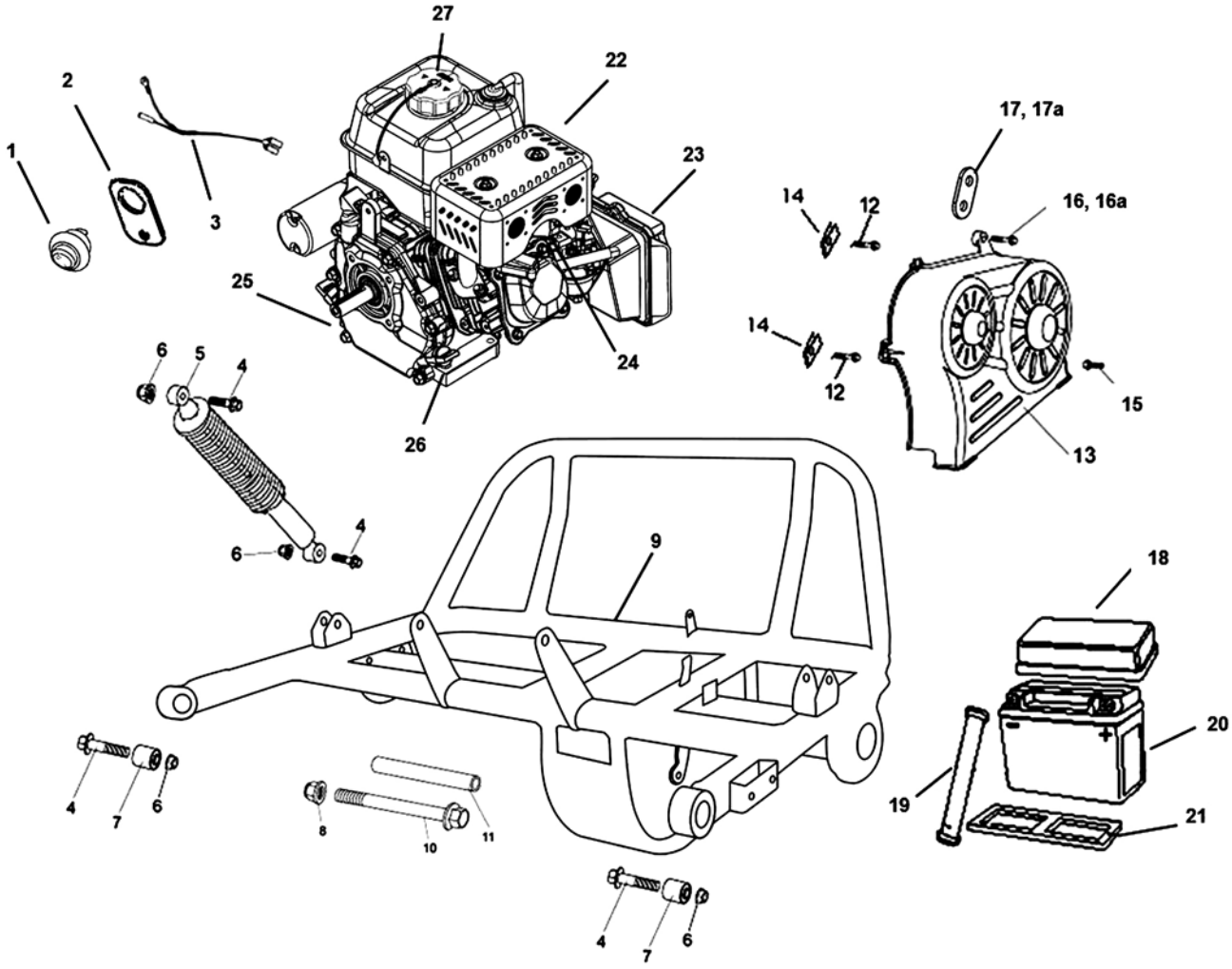
5210 SECTION 5 STEERING ASSEMBLY



Ref #	Part #	Description	Qty
1	14631	COVER, STEERING WHEEL	1
2	14426	BOLT, M6 X 1.00 X 14 FHCS ZN	3
3	14632	STEERING WHEEL	1
4	14633-2	SHAFT, STEERING - BLACK	1
5	14634	BUSHING, NYLON - 18 X 16	1
6	14635	KEY, 4 X 4 X 11.5	1
7	14341	BOLT, M6 X 1.00 X 20 FHCS ZN	4
8	14636	STEERING BALL JOINT DUST COVER	2
9	14565	SCREW, M5 X 12 PH	2
10	14637	ASM, TIE ROD END - BLACK	2
11	14638	ASM, RACK & PINION	1
12	14639	STEERING GEAR	1
13	14243	NUT, M10 X 1.25 LOCKING FLANGE ZN	1
14	14641	DUST COVER	1
15	14236	NUT, M6 X 1.00 NYLOC FLANGE ZN	4
16	14642-2	STEERING GEAR BRACKET (R.S.B.) - BLACK	2
17	14643	SPRING, THROTTLE PEDAL	1
18	14119	BUSHING, SLEEVE 12 X 21 X 12	4
19	14645-2	PEDAL, THROTTLE BLACK	1
20	14526	CAP, THROTTLE PEDAL - 31X/41X/61X	1
21	14646	CAP, BRAKE MASTER CYLINDER	1

Ref #	Part #	Description	Qty
22	14647	BOLT, M6 X 1.0 X 25 ZN	2
23	14648	BOLT, M8 X 1.25 X 144 HHCS	1
24	14649-2	PEDAL, BRAKE - BLACK	1
25	14650	PAD, BRAKE PEDAL - BLACK	1
26	14651	SPRING, BRAKE PEDAL	1
27	14239	BOLT, M8 X 1.25 X 20 FHCS ZN	1
28	14088	NUT, M8 X 1.25 LOCKING FLANGE ZN	3
29	14652	LEVER, PARKING BRAKE	1
30	14628	PIN, M1.6 X 14 COTTER	1
31	14653	STUD, 6 X 16	1
32	14654	KIT, BRAKE PAD	1
33	14236	NUT, M6 X 1.00 NYLOC FLANGE ZN	2
34	14655	ASM, HYDRAULIC BRAKE	1
35	14656	BOOT, BRAKE	1
36	14657	SHAFT, BRAKE MASTER CYLINDER	1
37	14658	ASM, BRAKE CALIPER (includes brake pads)	1
38	14455	BOLT, M8 X 1.25 X 14 SHCS PL	2
39	14744	MASTER CYLINDER, BRAKE (RESERVOIR AND CAP INCLUDED)	1
40	14130	HOSE, HYD BRAKE - 75”	1
41	14495	WASHER, M8 SPLIT LOCK	2

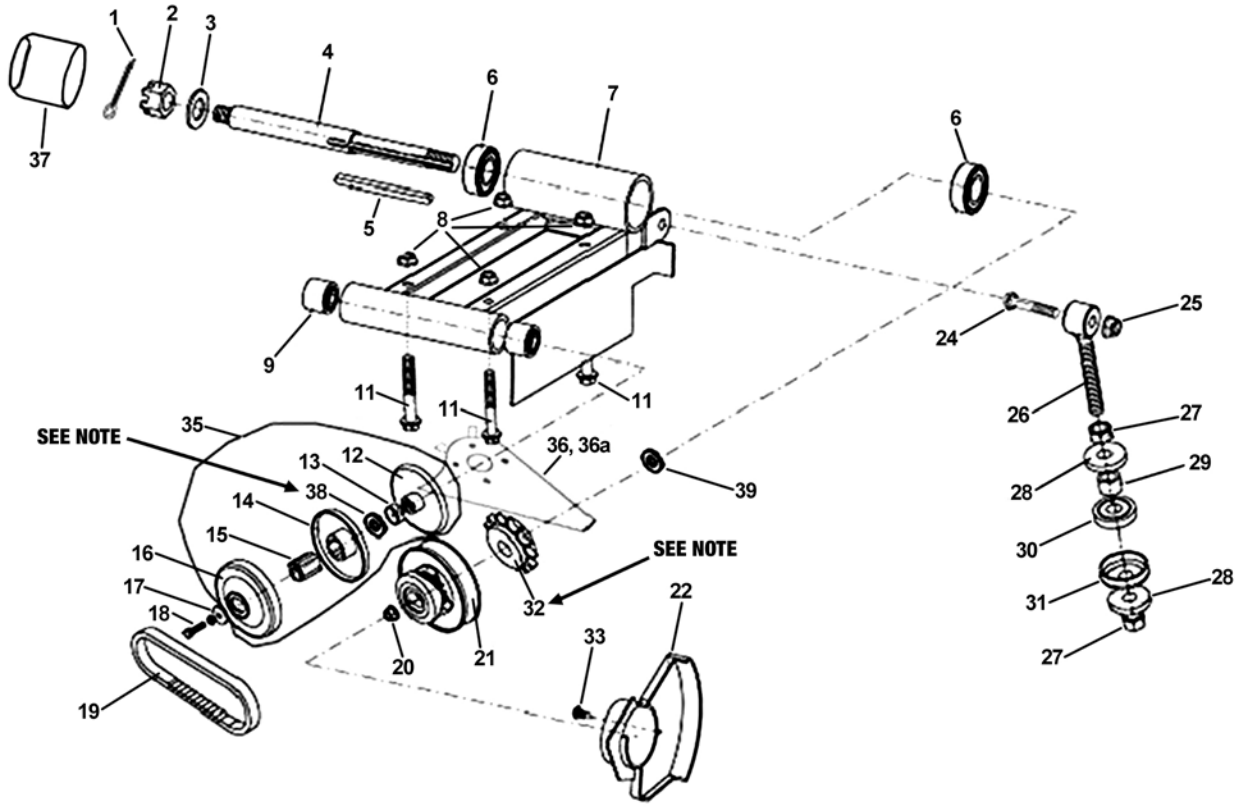
5210 SECTION 6 REAR SWING ARM



Ref #	Part #	Description	Qty
1	15271	SWITCH, ENGINE STOP ROCKER	1
2	15424	PLATE, MTG - ENGINE STOP SWITCH	1
3	15490	HARNESS, ENGINE STOP SWITCH	1
4	14246	BOLT, M10 X 1.25 X 40 FHCS ZN	6
5	14796	SHOCK, REAR - RED & BLACK	2
6	14243	NUT, M10 X 1.25 LOCKING FLANGE ZN	6
7	14661	BUSHING, SWINGARM ISOLATOR	2
8	14243	NUT, M10 X 1.25 LOCKING FLANGE ZN	1
9	15489	ASM, REAR SWINGARM - 5210	1
10	14662	BOLT, M10 X 1.25 X 174 HHCS	1
11	14666	SPANNER	1
12	14426	BOLT, M6 X 1.00 X 14 FHCS DAC	2
13	15054	COVER, DRIVE - PLASTIC	1
14	8227	NUT, 1/4-20 CLIP NUT	2
15	14778	SCREW, M4 X 1.75 X 12 PH	1
16	14341	BOLT, M6 X 1.00 X 20 FHCS	1

Ref #	Part #	Description	Qty
16a	14236	NUT, M6 X 1.00 NYLOC (not shown)	1
17	15390	BRKT, BELT COVER	1
17a	14426	BOLT, M6 X 1.00 X 14 FHCS DAC	1
18	14186	COVER, BATTERY	1
19	14187	STRAP, BATTERY HOLD DOWN	1
20	14189	BATTERY - GTX9-BS	1
21	14188	GASKET, BATTERY CAP	1
22	15444	ENGINE, LCT 208CC 49 STATE	1
22	15388	ENGINE, LCT 208CC 50 STATE	1
23	15491	FILTER, AIR - PAPER ELEMENT (SEE SPECS)	1
24	15057	SPARK PLUG, TORCH F6RTC	1
25	15059	PLUG, OIL DRAIN - LCT 136CC / 208CC	1
26	15058	DIPSTICK, OIL - LCT 136CC / 208CC	1
27	15055	CAP, FUEL - LCT 136CC / 208CC 49 STATE	1
27	15495	CAP, FUEL - LCT 208CC 50 STATE	1

5210 SECTION 7 JACKSHAFT



NOTE:

*** For vehicles assembled prior to March, 2013**

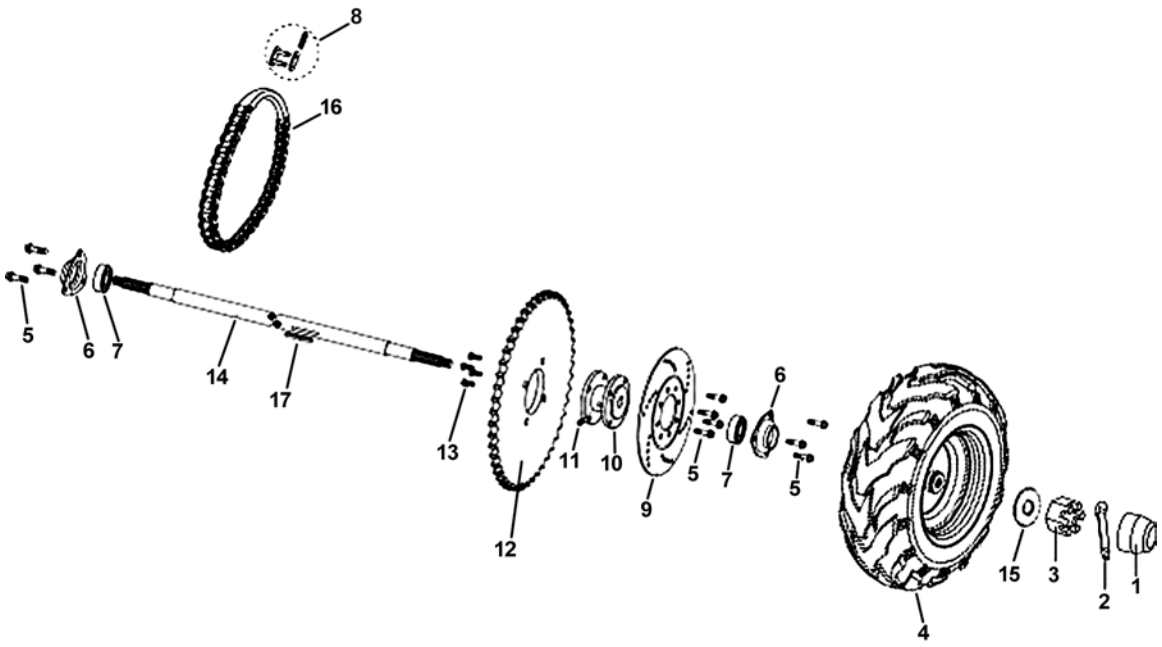
**** For vehicles assembled after March, 2013**

Provide your American SportWorks Customer Service Representative with the VIN to determine the vehicle's assembly date.

Ref#	Part#	Description	Qty
1	15542	PIN, M2.5 X 25 COTTER	1
2	14727	NUT, M14 X 1.25 CASTLE	1
3	14690	WASHER, M12 ZN	1
4	14691	SHAFT, SPROCKET & DRIVEN PULLEY	1
5	14692	KEY	1
6	14693	BEARING	2
7	15494	ENGINE MOUNTING PLATE - 208CC	1
8	14088	NUT, M8 X 1.25 LOCKING FLANGE ZN	4
9	14695	BUSHING	2
10		(This item is intentionally left blank.)	
11	14697	BOLT, M8 X 1.25 X 60 FHCS	4
12	14698	SHEAVE, STATIONARY	1
13	14699	BUSHING	1
14	14700	SHEAVE, MOVEABLE	1
15	14701	HUB	1
16	14702	DRUM	1
17	14703	WASHER, M8	1
18	1454	BOLT 5/16-24 X 1.750 HHCS G5	1
19	5959	BELT	1
20	14705	NUT, M16 X 1.25 LOCKING FLANGE	1
21	14706	DRIVEN PULLEY	1

Ref#	Part#	Description	Qty
22	15061	GUARD, REAR CHAIN (black plastic)	1
23		(This item is intentionally left blank.)	
24	14446	BOLT, M10 X 1.25 X 45 FHCS ZN	1
25	14243	NUT, M10 X 1.25 LOCKING FLANGE ZN	1
26	14708	CHAIN ADJUSTER	1
27	14709	NUT, M12	2
28	14710	WASHER - CHAIN ADJUSTER	2
29	14469	SPACER, ENGINE ADJ ALIGNMENT	1
30	14467	BUSHING, ENGINE ADJ ISOLATOR	1
31	14468	SPACER, ENGINE ADJ CUP	1
32*	14714	SPROCKET, 10T DRIVEN	1
32**	15564	SPROCKET, 9T DRIVEN	1
33	14423	SCREW, M5 X 16 PHSM ZN	1
34		(This item is intentionally left blank.)	
35	14716	DRIVER PULLEY	1
36	15552	PLATE, BACK - 5210 (WITH TABS)	1
36a	9101	BOLT 5/16-24 X .500 HHCS G5 NL Z (not shown)	2
37	14723	CAP, JACKSHAFT 2 IN	1
38*	15464	SPACER, TORQUE CONV. DRIVER 30 SERIES	1
38**	14838	WASHER, FLAT 0.75 X 1.050 X 0.115 HT ZN	1
39	14724	WASHER, 29.5 X 17MM X 3.0	1

5210 SECTION 8 REAR AXLE



Ref #	Part #	Description	Qty
1	14627	CAP, HUB NOSE - BLACK	2
2	15541	COTTER PIN 3.2 X 40	2
3	14249	NUT, M16 X 1.5 CASTLE	2
4	15365	ASM, TIRE/WH RH - 18X9.5-8	1
4	15366	ASM, TIRE/WH LH - 18X9.5-8	1
4a	15487	TIRE, 18 X 9.5 - 8 FAR EAST "V" TREAD (not shown)	2
5	14434	BOLT, M8 X 1.25 X 16 FHCS ZN	10
6	14668	FLANGE BEARING - 150CC	2
7	14593	BEARING 6005Z	2
8	14669	MASTER LINK	1
9	14670	DISK, REAR BRAKE - 150CC	1
10	14671	SPACER, SPROCKET	1
11	14769	SCREW, SET M8 X 1.25 X 14 SHCS PL	1
12	14672	SPROCKET, 60 TOOTH	1

Ref #	Part #	Description	Qty
13	14434	BOLT, M8 X 1.25 X 16 FHCS ZN	4
14	15488	AXLE - 5210	1
15	14724	WASHER, 29.5 X 17MM X 3.0 ZN	2
16	14675	CHAIN (#420 1/2" pitch)	1
17	14676	KEY, 5 X 5 X 75	1

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